INFORMATION AND COMMUNICATION TECHNOLOGY CLUSTER

GOLD

Name	Invention	University
Ahmad Alif Bin Kamal	Hazhunt: Marker-Based AR App For Physical & Chemical Hazard Identification Training	Universiti Malaysia Sarawak
Azmah Binti Sa'at	ResVAR (Respiratory Ventilatory Augmented Reality) Application, A Teaching and Learning Tool For Medical Students	Universiti Putra Malaysia (UPM)
Carmen Chai	A Serious Game Intervention For Increasing Motivation Of Children With Cancer To Fight Cancer	Swinburne University Of Technology, Sarawak Campus
Caroline Peter Diman	Digilabms - Digital Laboratory Management System	Fakulti Kejuruteraan Awam, Universiti Teknologi MARA Cawangan Sarawak
Hamimah Binti Ujir	Shroomgrowth	UNIMAS
Hjh Asmah Salowi	WIMICS: A New Approach To Crop Protection And Efficient Information Management In Sarawak	Department Of Agriculture, Sarawak
Johari Bin Abdullah	Student Emotion Detection Systems (Seeds)	Universiti Malaysia Sarawak
Johari Bin Abdullah	A Framework To Protect Unique Cultural Product Using Blockchain Technology	Universiti Malaysia Sarawak
Lee Hoi Yeh	Virtual Learning Model Based On Collaborative Approach And Gamification (Easyseni) For The Development Of Students' Creativity Towards The Industrial Revolution 4.0	UNIVERSITI PENDIDIKAN SULTAN IDRIS
Lim Phei Chin	Dot2Math: Puzzle Game For Learning Number Facts	Universiti Malaysia Sarawak

Mohamad Nazri Bin Khairuddin Yap	Trust Crawler: An Automated Verification Tool	Universiti Malaysia Sarawak
Ramlah Binti Zainudin	Anuran Ecosystem Health Indicator (AEHI)	Universiti Malaysia Sarawak
Soffri Bin Yussof	Open Innovation Business Model Strategic Plan for Malaysian Small Medium Enterprise in The Software Industry	Universiti Malaysia Sabah
Tan Ping Ping	Rev - Natural Language Processing To Assist Learners To Write	Universiti Malaysia Sarawak
Yahutazi Chik	HEXAPODX GO! An Interactive Digital Game-Based Learning for Entomology Course	Universiti Teknologi MARA (Uitm) SARAWAK KAMPUS MUKAH

SILVER

Name	Invention	University
Amelia Jati Anak Robert Jupit	BOOS: An Android application on learning KadazanDusun for non-native KadazanDusun speakers	Universiti Malaysia Sarawak
Kim-Mey Chew	Solar-Powered Real-Time Low Water Pressure Early Warning System	University of Technology Sarawak (UTS)
Ling Yeong Tyng	Hawker Locator Mobile Application	Universiti Malaysia Sarawak
Muhammad Harith Bin Mohd Nazrul Aman	The Impact of Online Learning in the Pandemic Era Using Data Analytical Technique.	UPNM
Noralifah Binti Annuar	RORO – Medicine Apps Reminder	Universiti Malaysia Sarawak
Syed Nasirin Bin Syed Zainol Abidin	Community Early Warning and Evacuation Systems (CEWES) Prototype for Schools in the Ranau District	UMS

Tamrin	The Implementation of Broadband Solution using Radio over IP (RoIP) with GPON Blade in Rural Areas	Fakulti Komputeran dan Informatik, Universiti Malaysia Sabah
Wong Yoke Seng	La Farmilia - A Proprietary Game-based Learning Game for Children with Autism Spectrum Disorder	Computing Department, Faculty of Art, Computing and Creative Industry, Sultan Idris Education University (UPSI)

BRONZE

Name	Invention	University
Adnan Shahid Khan	Deep Learning-Based Anomaly Detection with Energy-Efficiency Strategy for Industrial IoT Environment	Universiti Malaysia Sarawak
Atiqul Islam	Improved Visual Person Re-Identification Using Deep Learning	Swinburne University of Technology, Sarawak Campus
Chai Soo See	Landslide Susceptibility Map in Malaysia Landslide Prone Areas by Using Geographic Information System (GIS) And Machine Learning	Universiti Malaysia Sarawak
Chai Soo See	A Multilayer Perceptron Neural Network Model to Classify Hypertension in Adolescents Using Anthropometric Measurements	Universiti Malaysia Sarawak
Cheong Xin Yin	MUNSHI: Multi Unilinguals High Integers	University Pertahanan Nasional Malaysia
Chew Kim Mey	Solar-Powered Arduino Flood Detection System	University of Technology Sarawak (UTS)
Irwandi Hipni Bin Mohamad Hipiny	Augmented Reality (AR) Photobooth With Camera-based Head Tracking Technology	Universiti Malaysia Sarawak

Isaac Asante	Exploring Multi-Modal Fusion-Based Indoor Navigation for Human-Following using Perception Scenes and Deep Learning	Swinburne University of Technology, Sarawak Campus
Johari bin Abdullah	Badminton Coaching Assistance System Using Deep Learning	Universiti Malaysia Sarawak
Ling Yeong Tyng	Friend Circle Solution	Universiti Malaysia Sarawak
Nik Faris Iskandar Bin Nik Ammar Fansuri	Smart Monitoring IoT-Based System For Indoor Hydroponic Plant	Universiti Malaysia Sarawak
Norfadzlan bin Yusup	Hybrid Binary Harmony Search With Artificial Bee Colony Algorithm for Classification of Human Activity Recognition	Universiti Malaysia Sarawak
Phang Piau	An Interactive R-Shiny Application for geo-visualization of COVID-19 exposed location in Kuching	Universiti Malaysia Sarawak
Samuel Chai Ye Ler	Auto Timetable Management Mobile Application	Universiti Malaysia Sarawak
Suriati Khartini Binti Jali	Otak Me! A Brain Training App to Boost Memory for Elderly	Universiti Malaysia Sarawak

MERIT

Name	Invention	University
Adnan Shahid Khan	A Multistage Spectrogram based Anomaly Detection System for securing Internet-of-Things network	Universiti Malaysia Sarawak
Mohd Asyraf Zulkifley	Deep Lie Detector: Sensing It Through Emotion	Universiti Kebangsaan Malaysia (UKM)
Pang Juin Yu	Nutrition Chatbot System Deep Learning	Universiti Malaysia Sarawak

| Valliappan Raman, Khaled Yahya Mohamed Mahmoud ELKarazle, Patrick Then | Detection of Artificially Generated Facial Images Using Ensemble Learning | Swinburne University of Technology, Sarawak Campus |